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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of :
EDWARD J. A. POPE and : Margaret G. Moore
KENNETH M. KRATSCH :
APPLICATIONS OF PHOTOCURABLE : Examiner
PRE-CERAMIC POLYMERS :
Serial No. 09/680,828 : Art Unit No. 1712
Filed: October 6, 2000 :

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AMENDMENT

To the Commissioner of Patents and Trademarks:

In response to an office action mailed September 24, 2002 the applicants hereby amend their application as follow:

In the claims:

Amend claim 49 as follows:

49. (Amended) A process of forming a photo-curable pre-ceramic polymer, poly(ethynyl)-carbosilane to silicon carbide ceramic comprising the steps of:
a. reacting sodium acetylide with organo-chlorosilanes; and
b. condensing [(polymerizing)] the resultant organo-(ethynyl)chlorosilane product of step a with an excess of an alkali metal to form a silicon carbide ceramic.

Amended claim 49 as follows:

49. (Amended) A process of forming a photo-curable pre-ceramic polymer, poly(ethynyl)-carbosilane to silicon carbide ceramic comprising the steps of:
a. reacting sodium acetylide with organo-chlorosilanes; and

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